

Delaval, Jan

91715

From: Roark, Jessica  
Sent: Wednesday, April 16, 2003 4:09 PM  
To: Delaval, Jan  
Subject: 09/522,752

Jan,

*revised*  
Please update the ~~pending~~, PGPub and issued files for the following from 09/522,752:

SEQ ID NO:2.

Results on paper please.

Thanks!

*Jessica H. Roark*

CM1 8A03  
Mailbox 9E12  
Art Unit 1644  
703 605-1209

Jan Delaval  
Reference Librarian  
Biotechnology & Chemical Library  
CM1 1E07 - 703-308-4498  
jan.delaval@uspto.gov





Qy 241 LKVTITVTVFVLSQFPYNCILVQTIIDAYAMFISNCVSTNIDICFOVTOTIAFFHSC 300  
Db 241 LKVTITVTVFVLSQFPYNCILVQTIIDAYAMFISNCVSTNIDICFOVTOTIAFFHSC 300  
Qy 301 NPVLVVFGERFRDLVYTKNLGICISQAWVSFTRREGSLKSSMLLETTSGALST 357  
Db 301 NPVLVVFGERFRDLVYTKNLGICISQAWVSFTRREGSLKSSMLLETTSGALST 357

RESULT 2  
US-09-903-377-2  
Sequence 2, Application US/09903377  
Patent No. US20020116727A1  
GENERAL INFORMATION:  
APPLICANT: Allen, Keith D.  
TITLE OF INVENTION: TRANSGENIC MICE CONTAINING CHEMOKINE  
FILE REFERENCE: R-365  
CURRENT APPLICATION NUMBER: US/09/903,377  
PRIORITY FILING DATE: 2001-07-10  
PRIORITY FILING DATE: 2000-07-10  
PRIORITY FILING DATE: 2000-07-10  
PRIORITY FILING DATE: 2000-07-27  
PRIORITY FILING DATE: 2001-01-16  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 357  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Targeting vector  
US-09-903-377-2

Query Match 100.0%; Score 1854; DB 10; Length 357;  
Best Local Similarity 100.0%; Pred. No. 8e-160;  
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MADDYGSBSTSMEDYVNFNFTDPCYCKNNVROPASHFLPPLVYLVTVGALGNSLVILV 60  
Db 1 MADDYGSBSTSMEDYVNFNFTDPCYCKNNVROPASHFLPPLVYLVTVGALGNSLVILV 60  
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Db 61 YWCTRVKMTMDMLNLAADLFLVTLPPWALAAADQMKQTFMCKVNSMYKMFYS 120  
Qy 121 CVLLIMCISVDRIYIAIAQAMRAHTWREKRLYSKVCFTIWLAAALCIPILYSQIKEE 180  
Db 121 CVLLIMCISVDRIYIAIAQAMRAHTWREKRLYSKVCFTIWLAAALCIPILYSQIKEE 180  
Qy 181 SGAICTWVPSDESTKLSAVLTLLKVLGFLPPVMAACCTIIIIHTLLOAKSSSKKA 240  
Db 181 SGAICTWVPSDESTKLSAVLTLLKVLGFLPPVMAACCTIIIIHTLLOAKSSSKKA 240  
Qy 241 LKVTITVTVFVLSQFPYNCILVQTIIDAYAMFISNCVSTNIDICFOVTOTIAFFHSC 300  
Db 241 LKVTITVTVFVLSQFPYNCILVQTIIDAYAMFISNCVSTNIDICFOVTOTIAFFHSC 300  
Qy 301 NPVLVVFGERFRDLVYTKNLGICISQAWVSFTRREGSLKSSMLLETTSGALST 357  
Db 301 NPVLVVFGERFRDLVYTKNLGICISQAWVSFTRREGSLKSSMLLETTSGALST 357

RESULT 3  
US-09-952-385-2  
Sequence 2, Application US/09952385  
Patent No. US20020119504A1  
GENERAL INFORMATION:  
APPLICANT: Andrew, David P.  
APPLICANT: Zabel, Brian A.

APPLICANT: Ponath, Paul D.  
TITLE OF INVENTION: ANTI-GPR-9-6 ANTIBODIES AND METHODS OF  
IDENTIFYING AGENTS WHICH MODULATE GPR-9-6 FUNCTION  
FILE REFERENCE: LKS98-16  
CURRENT APPLICATION NUMBER: US/09/952,385  
PRIORITY FILING DATE: 2001-09-13  
PRIORITY FILING DATE: 1999-03-11  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 2  
LENGTH: 357  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-952-385-2

Query Match 100.0%; Score 1854; DB 10; Length 357;  
Best Local Similarity 100.0%; Pred. No. 8e-160;  
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 181 SGAICTWVPSDESTKLSAVLTLLKVLGFLPPVMAACCTIIIIHTLLOAKSSSKKA 240  
Qy 241 LKVTITVTVFVLSQFPYNCILVQTIIDAYAMFISNCVSTNIDICFOVTOTIAFFHSC 300  
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Qy 301 NPVLVVFGERFRDLVYTKNLGICISQAWVSFTRREGSLKSSMLLETTSGALST 357  
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RESULT 4  
US-10-000-759A-2  
Sequence 2, Application US/10000759A  
Patent No. US20020141991A1  
GENERAL INFORMATION:  
APPLICANT: Andrew, David P.  
APPLICANT: Zabel, Brian A.  
TITLE OF INVENTION: ANTI-GPR-9-6 ANTIBODIES AND METHODS OF  
IDENTIFYING MODULATORS OF GPR-9-6 FUNCTION  
FILE REFERENCE: 1855, 1064-003  
CURRENT APPLICATION NUMBER: US/10/000,759A  
PRIORITY FILING DATE: 2001-10-23  
PRIORITY FILING DATE: 2000-05-10  
PRIORITY FILING DATE: 2000-05-10  
PRIORITY FILING DATE: 1999-03-11  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 357  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-000-759A-2

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Best Local Similarity 100.0%; Pred. No. 8e-160;  
Matches 357; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy	61	YMYCTRVKTMIDMFLNLAIADLLFLVTLPEWMAAADQWQCFQFMCKVNSMYKNMFS	120
Db	61	YMYCTRVKTMIDMFLNLAIADLLFLVTLPEWMAAADQWQCFQFMCKVNSMYKNMFS	120
Qy	121	CVLLIMCISVDRIYIAIAQAMFAHFWREKRLLYSKQVCFTIWTALAAICIPBILYSQIKKE	180
Db	121	CVLLIMCISVDRIYIAIAQAMFAHFWREKRLLYSKQVCFTIWTALAAICIPBILYSQIKKE	180
Qy	181	SGIAICMNVPSDSDSTKSAVLTLYKLYGFLPFWMAACCTYIIHTLYIAOKSSSGHKA	240
Db	181	SGIAICMNVPSDSDSTKSAVLTLYKLYGFLPFWMAACCTYIIHTLYIAOKSSSGHKA	240
Qy	241	LKATITVTVTVLSQFPNCLILVOTIDAYAMFISNCAVSNINDICPOVQTIAPFHSC	300
Db	241	LKATITVTVTVLSQFPNCLILVOTIDAYAMFISNCAVSNINDICPOVQTIAPFHSC	300
Qy	301	NPVLVYFVGEEFRRLDYKTLNLNGCISQAQVNSFTRRSGSLKLSMLETTSGALSL	357
Db	301	NPVLVYFVGEEFRRLDYKTLNLNGCISQAQVNSFTRRSGSLKLSMLETTSGALSL	357

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RESULT 5
US-09-765-994-4
; Sequence 4, Application US/09765994
; Patent No. US2001001636A1
; GENERAL INFORMATION:
; APPLICANT: ELLIS, CATHERINE
; TITLE OF INVENTION: THE G-PROTEIN COUPLED RECEPTOR
; TITLE OF INVENTION: (HPTAO41)
; FILE REFERENCE: GH-70225-C1
; CURRENT APPLICATION NUMBER: US/09/765,994
; CURRENT FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/055,895
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: 08/962,922
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 349
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
; US-09-765-994-4

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	Best Local Similarity	36.5%	Pred. No. 6	5e-50		
	Matches 119	Conservative 74	Mismatches 115	Indels 18	Gap	4
Qy	4	DYGSASTSMEDYVNFNFDPFYCEKNNVAFQPSHFLPELYLWLVFVIGALGNSLVILVWY	63			
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Db	9	DYYEE--HEMNTYVYSQVELICIEDVEAFKVELFVLVIFVIGLGNSSVVAIYAY	67			
		:::	:::	:::	:::	
Qy	64	CTRVKTMIDMFLNLDAIDLFLVTLFEPALAAADQKQFEMCKVNSMYKGNFSCVL	123			
		:::	:::	:::	:::	
Db	68	YKQKTKTDVYILNLAVDLLLFTLLFPFAVNAVHSGWLGKIMCKITSLATYLLNFPVSGNQ	127			
		:::	:::	:::	:::	
Qy	124	LIMCSVDPYLIAQ-----AMRAHTRREKRLLYSGMVFPTIVLAAALCIPEILYSQIK	178			
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Db	128	FLACISIDRYVAVTVKPSQSGVGKPCW-----IICFVMAAAILISTIQLVRYEYTN	178			
		:::	:::	:::	:::	
Qy	179	BSGSLAICTMVNPSESTELKSAVILLKYLGFELFPEVVMACCYTIIHTLLQAKSSKH	238			
		:::	:::	:::	:::	
Db	179	DN--ARCIPPEPYLGSTKRALIQMLKEICIGVVPFLMGVCYFETARTLMMKMPIKIS	235			
		:::	:::	:::	:::	
Qy	239	KALKTITITLVTVLSQFPYNCILLVQGITDAAMFISNCVSNINDICQVYQTIAFFHS	298			
		:::	:::	:::	:::	
Db	236	RKLKALLTVIVFVITQLEPYNIVKFCRAIDIIYSILTSNMSGRMDIAIQVESIALFFHS	295			
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QY 299 CLNPVLVVFGEFRFRDLVKTLLNLG 324
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Db 296 CLNPILVFMGASFKNYVMKVAKKYG 321
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RESULT 6      US-09-765-994-2
; Sequence 2, Application US/09765994
; Patent No. US20010016316A1
; GENERAL INFORMATION:
; APPLICANT: ELLIS, CATHERINE
; TITLE OF INVENTION: THE G-PROTEIN COUPLED RECEPTOR
; TITLE OF INVENTION: (HPIA041)
; FILE REFERENCE: GH-70225-C1
; CURRENT APPLICATION NUMBER: US/09/765,994
; CURRENT FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/055,895
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: 08/965,992
; PRIOR FILING DATE: 1997-10-27.
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 350
; TYPE: PR1
; ORGANISM: HOMO SAPIENS
US-09-765-994-2

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Query March 34.4%; Score 637; DB 10; Length 350;  
 Match Local Similarity 36.5%; Pred. No. 6.5e-50;  
 Batches 119; Conservative 74; Mismatches 115; Indels 18; Gaps 4.

Qy	4	DYGSBSTSMEDYVNFNTDIFYCEKNNRROASHPLPELYMLVPLVIGALGMSLVLVWY	63
Db	10	DYYAE-NNMGVTYDSQYELICIMEDREFAKVLPFLPLTVFVIGLAGNSMVAIVAY	68
Qy	64	CTRVKTMIDMFLNLAIDLLFLVTLPPWALIAADQKRFQTFMCKVANSMTKMFYSCYL	123
Db*	69	YKQKTKTDVYILNIAVADLLFLPLPWAVAAVAGVILGKIMCKITSAITYLNFVSGMQ	128
Qy	124	LIMCSYDVRYIAAQ-----AMBAHMTBEKRLYSKMWCFITVWLAALCLPEILYSQIK	178
Db	129	FLACISIRYAAVTVKVPQSGVGKCM-----IICFCVMAAAILISIDQVLYTN	179
Qy	179	BESGIAICTMYVPSDESTKLSAVLLTKVILGFPLPYMAACCTYIIHTLLOAKSSKH	238
Db	180	DN---ARCIPEFRLIGSMWALLQIMELICGFVLPFLMGVCYITRTILMKMNKIS	236
Qy	239	KALKTTIVLVFVLSQPPNICILVQTIIDAYAMFISNCAVSTNIDICEQVTTIAFHS	298
Db	237	RPLKTLTVVIVFITYQLPPYNIIVKFCRAIDILYSITCSNMKSMDIADQVTSIALFHS	296
Qy	239	CLNPVLVYFVGEPFRDLVKTLKNG	324
Db	237	CLNPILVYFMGASFKNYWKVAKKG	322

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; RESULT 7
; US-09-796-338A-8
; Sequence 8, Application US/09796338A
; Patent No. US20020061522A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; TITLE OF INVENTION: 1983, 52881, 2398, 4549, 50289, AND
; TITLE OF INVENTION: 52872, NOVEL G PROTEIN-COUPLED RECEPTORS AND USES THEREFOR
; FILE REFERENCE: 10448-020001
; CURRENT APPLICATION NUMBER: US/09/796,338A
; CURRENT FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/186, 059
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8

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LENGTH: 350  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-796-338A-8

Query Match 34.4%; Score 637; DB 10; Length 350;  
 Best Local Similarity 36.5%; Pred. No. 6.5e-50;  
 Matches 119; Conservative 74; Mismatches 115; Indels 18; Gaps 4;

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 64 CTRVKTMTDMLNLALADLLFLVTLPEMAIAADQMKFQTFMCKVNSMYKMFYCVL 123  
 69 YKQRTKTDVYILNLAVADLLFLPFAVNAVHGWLGIMCKITSAITLAFVSMQ 128  
 124 LIMCISVDRYAIAQ-----AMRAHTWEKRLYSKVCFTIWLAAALCIPILYSQIK 178  
 129 FLACISIDRYAVAVTKVPSQGVGKPCW-----IICFCVMAAILLSIPQLVFTVN 179  
 179 EESGIACTMYPSDESKSAVLTLLKVIIGFPLPFAVMACTTIIHTLIQAKSKSK 238  
 180 DN--AACIPFPYRLGSMKALIQMLEICGFVFPFLIMGCYFTIARTMKRPNIKIS 236  
 239 KALKTTITLVFVLSOPFNCILLVOTIDAYAMFISNCVSTNIDICFOYTORTAFHS 298  
 237 RPLVLTIVVFTVQTPYIVKFCRAIDITISLITSCNMSKMDIAQVTESTALFHS 296  
 299 CLNPVLVYFGERFRRLVTKLNKG 324  
 297 CLNPILYVFMGASFKNYMKVAKKYG 322

RESULT 8  
 US-09-852-156-6  
 Sequence 6, Application US/09852156  
 Patent No. US20020076694A1  
 GENERAL INFORMATION:

APPLICANT: Littman, Dan R.

Deng, Hongkui

Unutmaz, Derya

Ramani, Vineet N.K.

TITLE OF INVENTION: NOVEL ALTERNATIVE G-COUPLED RECEPTORS

ASSOCIATED WITH RETROVIRAL ENTRY INTO CELLS, METHODS OF

IDENTIFYING THE SAME, AND DIAGNOSTIC AND THERAPEUTIC USES

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: David A. Jackson, Esq.

STREET: 411 Hackensack Ave, Continental Plaza, 4th

Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/852,156

FILING DATE: 09-May-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 1049-1-009NCIP

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 342 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 HYPOTHETICAL: NO  
 ORIGINAL SOURCE:  
 ORGANISM: pigtail macaque  
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
 US-09-852-156-6

Query Match 33.7%; Score 624; DB 10; Length 342;  
 Best Local Similarity 36.3%; Pred. No. 9.5e-49;  
 Matches 123; Conservative 82; Mismatches 100; Indels 34; Gaps 7;

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 61 YWCTRVKMTDMLNLALADLLFLVTLPEMAIAADQMKFQTFMCKVNSMYKMFYCVL 120  
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 181 SGAICTMYPSDESKSAVLTLLKVIIGFPLPFAVMACTTIIHTLIQAKSKSK 240  
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 241 LKVTITLVFVLSOPFNCILLVOTI--DAYAMFISNCVSTNIDICFOYTORTAFHS 298  
 230 LKIFLVAWAFLLTQTFNVLKLRSTHWEYAV-----TSFHYTIVTEAIVLRA 281  
 299 CLNPVLVYFGERFRRLVTKLNKG 333  
 282 CLNPVLAFVSLKFRKNFWLVNDIGCLPYLGVSQHKKS 320

RESULT 9  
 US-09-852-156-4  
 Sequence 4, Application US/09852156  
 Patent No. US20020076694A1  
 GENERAL INFORMATION:

APPLICANT: Littman, Dan R.

Deng, Hongkui

Unutmaz, Derya

Ramani, Vineet N.K.

TITLE OF INVENTION: NOVEL ALTERNATIVE G-COUPLED RECEPTORS

ASSOCIATED WITH RETROVIRAL ENTRY INTO CELLS, METHODS OF

IDENTIFYING THE SAME, AND DIAGNOSTIC AND THERAPEUTIC USES

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: David A. Jackson, Esq.

STREET: 411 Hackensack Ave, Continental Plaza, 4th

Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/852,156

FILING DATE: 09-May-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

GenCore version 5.1.4 p5 4578  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: April 16, 2003, 16:37:47 ; Search time 28 Seconds  
(without alignments)  
375.142 Million cell updates/sec

Title: US-09-522-752-2

Perfect score: 1854

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Gapop 10.0, Gapext 0.5

Sequenced: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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40: /cgn2\_6/ptodata/1/iaa/6K.COMB.pep.\*  
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42: /cgn2\_6/ptodata/1/iaa/6M.COMB.pep.\*  
43: /cgn2\_6/ptodata/1/iaa/6N.COMB.pep.\*  
44: /cgn2\_6/ptodata/1/iaa/6O.COMB.pep.\*  
45: /cgn2\_6/ptodata/1/iaa/6P.COMB.pep.\*

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1854	100.0	357	US-09-266-464-2	Sequence 2, Appl1
2	780.5	42.1	358	US-08-153-848-19	Sequence 19, Appl1
3	780.5	42.1	358	US-09-299-843A-19	Sequence 19, Appl1
4	780.5	42.1	358	US-09-088-337B-19	Sequence 19, Appl1
5	780.5	42.1	358	PCT-US93-1153-19	Sequence 19, Appl1
6	780.5	42.1	378	US-08-153-848-15	Sequence 15, Appl1
7	780.5	42.1	378	US-09-299-843A-15	Sequence 15, Appl1
8	780.5	42.1	378	US-09-251-545-1	Sequence 15, Appl1
9	780.5	42.1	378	US-09-088-337B-15	Sequence 15, Appl1
10	780.5	42.1	378	PCT-US93-1153-15	Sequence 15, Appl1
11	780.5	42.1	410	US-08-153-848-7	Sequence 7, Appl1
12	780.5	42.1	410	US-09-299-843A-7	Sequence 7, Appl1
13	780.5	42.1	410	US-09-088-337B-7	Sequence 7, Appl1
14	780.5	42.1	410	PCT-US93-1153-7	Sequence 7, Appl1
15	780.5	40.9	378	US-08-383-750-2	Sequence 2, Appl1
16	780.5	40.9	378	US-08-383-751A-2	Sequence 2, Appl1
17	780.5	40.9	378	US-08-352-678-2	Sequence 2, Appl1
18	780.5	40.9	378	US-09-045-583-49	Sequence 49, Appl1
19	780.5	40.9	378	US-09-534-185-49	Sequence 49, Appl1
20	780.5	40.9	378	PCT-US93-09636-2	Sequence 2, Appl1
21	780.5	40.9	378	US-09-299-843A-66	Sequence 66, Appl1
22	780.5	40.9	378	US-09-088-337B-66	Sequence 66, Appl1
23	780.5	40.9	359	US-08-153-848-24	Sequence 24, Appl1
24	780.5	40.9	359	US-09-299-843A-24	Sequence 24, Appl1
25	780.5	40.9	359	US-09-088-337B-24	Sequence 24, Appl1
26	780.5	40.9	359	PCT-US93-1153-24	Sequence 24, Appl1
27	780.5	38.9	361	US-08-902-294-2	Sequence 2, Appl1

28	721	38.9	361	US-09-178-637-2	Sequence 2, Appl1
29	652	35.2	350	US-08-966-316-18	Sequence 18, Appl1
30	638.5	34.4	374	US-09-045-583-48	Sequence 48, Appl1
31	638.5	34.4	374	US-09-534-185-48	Sequence 48, Appl1
32	637	34.4	350	US-08-966-316-16	Sequence 16, Appl1
33	624	33.7	342	US-09-116-498-6	Sequence 6, Appl1
34	619	33.4	342	US-09-116-498-4	Sequence 4, Appl1
35	612	33.0	342	US-08-742-011-2	Sequence 2, Appl1
36	612	33.0	342	US-09-275-384B-5	Sequence 5, Appl1
37	612	33.0	342	US-09-116-498-2	Sequence 2, Appl1
38	612	33.0	342	US-09-449-437A-2	Sequence 2, Appl1
39	612	33.0	342	US-09-517-605-9	Sequence 9, Appl1
40	598	32.3	352	US-09-045-583-52	Sequence 52, Appl1
41	598	32.3	352	US-09-534-185-52	Sequence 52, Appl1
42	596	32.1	352	US-09-087-232A-13	Sequence 13, Appl1
43	596	32.1	352	US-08-861-105-14	Sequence 14, Appl1
44	596	32.1	352	US-08-575-967A-2	Sequence 2, Appl1
45	596	32.1	352	US-08-833-752-5	Sequence 5, Appl1

## ALIGNMENTS

RESULT 1	US-09-266-464-2	Sequence 2, Application US/09266464
GENERAL INFORMATION:		
APPLICANT:	Andrew, David P.	
APPLICANT:	Zabel, Brian A.	
APPLICANT:	Ponach, Paul D.	
TITLE OF INVENTION:	ANTI-GPR-9-6 ANTIBODIES AND METHODS OF	
TITLE OF INVENTION:	IDENTIFYING AGENTS WHICH MODULATE GPR-9-6 FUNCTION	
FILE REFERENCE:	LKS99-16	
CURRENT APPLICATION NUMBER:	US/09/266,464	
CURRENT FILING DATE:	1999-03-11	
NUMBER OF SEQ ID NOS:	7	
SOFTWARE:	FastSeq for Windows Version 3.0	
SEQ ID NO 2		
LENGTH:	357	
TYPE:	PRT	
ORGANISM:	Homo sapiens	
US-09-266-464-2		
Query Match	100.0%	Score 1854; DB 4; Length 357;
Best Local Similarity	100.0%;	Pred. No. 6.1e-162;
Matches 357;	Conservative 0;	Mismatches 0; Indels 0; Gaps 0;
QY	1	MADDYGESESTSMEDYVNFNFTDFYCEKNVROPASHFLPPLYLVFIVGALNSLYLV 60
DB	1	MADDYGESESTSMEDYVNFNFTDFYCEKNVROPASHFLPPLYLVFIVGALNSLYLV 60
QY	61	YWYCTRYKVTMDMLNLAIDLFLVTLFPWALAADQKQFTQKQVNSMYKNFYS 120
DB	61	YWYCTRYKVTMDMLNLAIDLFLVTLFPWALAADQKQFTQKQVNSMYKNFYS 120
QY	121	CVLLIMCISVDYRYAIAQAMRAHTWRERKLLYSKMCFTTIVVLAALCTPIBLYSQKEE 180
DB	121	CVLLIMCISVDYRYAIAQAMRAHTWRERKLLYSKMCFTTIVVLAALCTPIBLYSQKEE 180
QY	181	SGAICTMVPSPDSSTLKSASVLTAKVILGFPLFPVVMACCYTIHTLLOAKSSGHKA 240
DB	181	SGAICTMVPSPDSSTLKSASVLTAKVILGFPLFPVVMACCYTIHTLLOAKSSGHKA 240
QY	241	LKVTITLVFVLSQFPYNCILVQTTIDAVAMFISNCAVSTNIDICQVQTIAFFHSC 300
DB	241	LKVTITLVFVLSQFPYNCILVQTTIDAVAMFISNCAVSTNIDICQVQTIAFFHSC 300
QY	301	NPVLYVGVGRFRDLVKTILKNLCISQAOVSTTRREGSKLSMLETSGALSL 357
DB	301	NPVLYVGVGRFRDLVKTILKNLCISQAOVSTTRREGSKLSMLETSGALSL 357
RESULT 2		

US-08-153-848-19  
Sequence 19, Application US/08153848  
Patent No. 5759804  
GENERAL INFORMATION:  
APPLICANT: Godiska, Ronald  
APPLICANT: Gray, Patrick W.  
APPLICANT: Schwaikart, Vicki L.  
TITLE OF INVENTION: No. 5759804e1 Seven Transmembrane Receptors  
NUMBER OF SEQUENCES: 64  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &  
ADDRESSEE: Bicknell  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/153,848  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/977,452  
FILING DATE: 17-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5759804and, Greta E.  
REGISTRATION NUMBER: 35,302  
REFERENCE/DOCKET NUMBER: 31794  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 474-6300  
TELEFAX: (312) 474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 358 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-153-848-19

Query Match 42.1%; Score 780.5; DB 1; Length 358;  
Best Local Similarity 42.9%; Pred. No. 8.6e-64;  
Matches 153; Conservative 77; Mismatches 104; Indels 23; Gaps 6;

1 MADDYGESESTSMEDYVNFNTDFYCEKNNVROFASHFLPPLYWLVITVGLGSLVILV 60  
8 VTDDYIGDNT-----VDYTLFESLCSKQDVNFKAMFLPIMYSIIICFVGLGSLVILT 62

61 YWCTRVKTMIDMLNLAADLFLVTLFPWALAAADQKQFQFMCKVNSMYKMFYS 120  
63 YIFRRLKTMIDTYLNLNLAADLFLVTLFPWALAAADQKQFQFMCKVNSMYKMFYS 122

121 CVLLIMCISVRYIAIAQAMRAHTWREKRLYSKRVCFITWLAALCIPELYSQIKEE 180  
123 GMLLLCISIDRYVAIVQASAHRRARVLLISLSCVGIWILATVLSIBELYSIDLORS 182

181 SG--IAICTMVPDSDESTLKSAVLTAKV---ILGFPLPVVMACCYTIIHTLIQAKS 235  
183 SSEQAMRCSLI-----TEHVEAFITIQVAMVIGFVPLLMSCFYLIITRLQARNF 236

236 SGRKALKVITVLTVPVLSQFPYNCILVQITIDAYAMPISNCAVSTNIDICFOVTOTIAF 295  
237 EBNKAIKVIIVAVVVFIVQLPYNGVLAQTAVANNTISSTCELSKQNIADVITYSLAC 296

296 FHSCLNPLVLYVGVGRPRDLVKTILKAGCISQ---AQVNSTRRREGSLKASSMLE 349  
297 VNCNPNFLYARIVGVFRNDLFLKLFKDLGCLSQEOLRQWSSCRH----IRRSSMVE 349

RESULT 3  
US-09-299-843A-19  
Sequence 19, Application US/09299843A  
Patent No. 6107475  
GENERAL INFORMATION:  
APPLICANT: Godiska, Ronald  
APPLICANT: Gray, Patrick W.  
APPLICANT: Schwaikart, Vicki L.  
TITLE OF INVENTION: No. 6107475e1 Seven Transmembrane Receptors  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &  
ADDRESSEE: Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/299,843A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/088,337  
FILING DATE: 01-JUN-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/153,848  
FILING DATE: 17-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/977,452  
FILING DATE: 17-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: J11 E, UH1  
REGISTRATION NUMBER: 43,213  
REFERENCE/DOCKET NUMBER: 27866/32059B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 474-6300  
TELEFAX: (312) 474-0448  
TELEX:  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 358 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-299-843A-19

Query Match 42.1%; Score 780.5; DB 3; Length 358;  
Best Local Similarity 42.9%; Pred. No. 8.6e-64;  
Matches 153; Conservative 77; Mismatches 104; Indels 23; Gaps 6;

1 MADDYGESESTSMEDYVNFNTDFYCEKNNVROFASHFLPPLYWLVITVGLGSLVILV 60  
8 VTDDYIGDNT-----VDYTLFESLCSKQDVNFKAMFLPIMYSIIICFVGLGSLVILT 62

61 YWCTRVKTMIDMLNLAADLFLVTLFPWALAAADQKQFQFMCKVNSMYKMFYS 120  
63 YIFRRLKTMIDTYLNLNLAADLFLVTLFPWALAAADQKQFQFMCKVNSMYKMFYS 122

121 CVLLIMCISVRYIAIAQAMRAHTWREKRLYSKRVCFITWLAALCIPELYSQIKEE 180  
123 GMLLLCISIDRYVAIVQASAHRRARVLLISLSCVGIWILATVLSIBELYSIDLORS 182

181 SG--IAICTMVPDSDESTLKSAVLTAKV---ILGFPLPVVMACCYTIIHTLIQAKS 235  
183 SSEQAMRCSLI-----TEHVEAFITIQVAMVIGFVPLLMSCFYLIITRLQARNF 236